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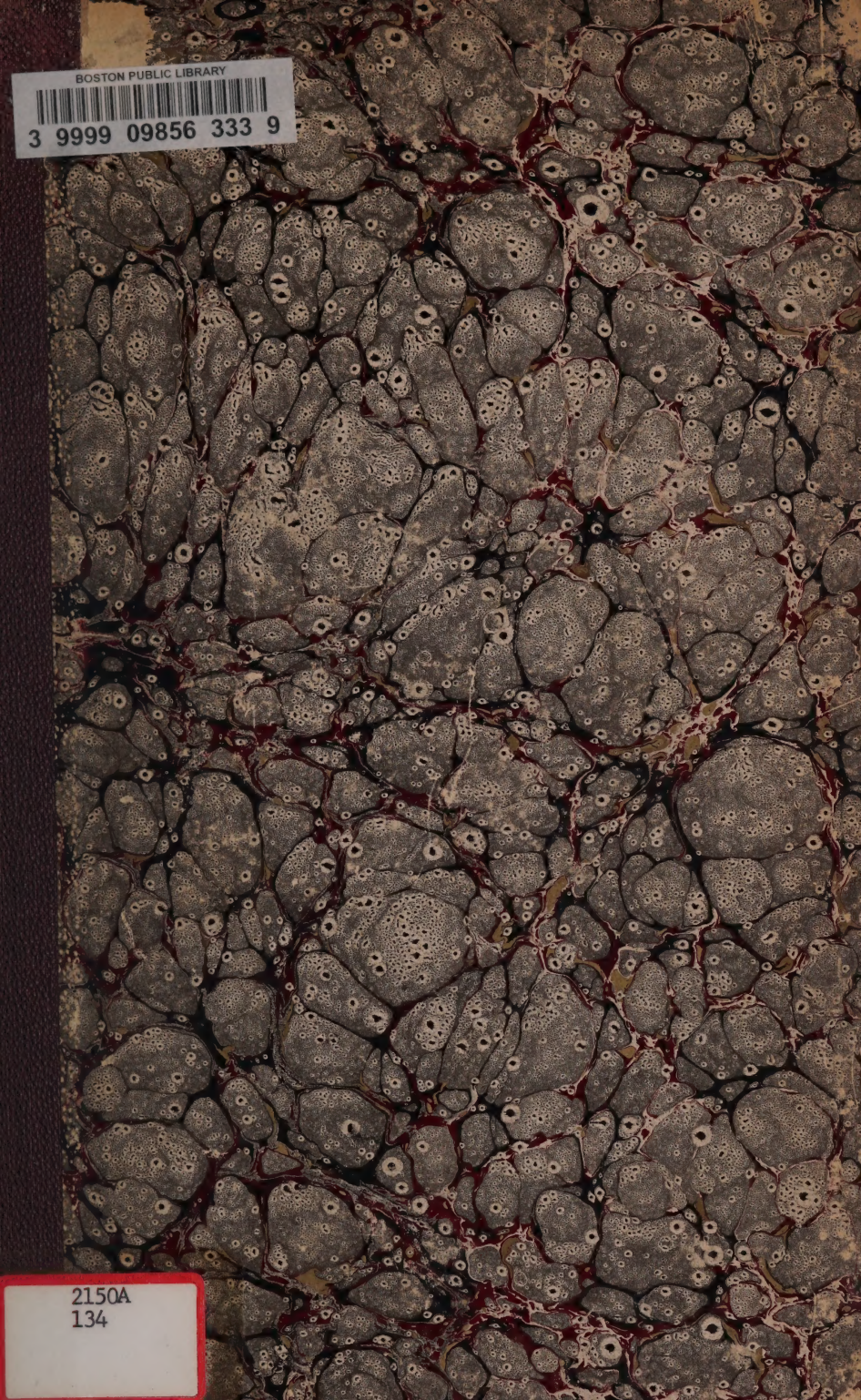

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February 6, 1899.

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July 5, 1899.

FREE MUNICIPAL LECTURES.

CENTRAL COURSE, No. 2.

THE WATER SUPPLY

OF THE

CITY OF BOSTON.

*2150.5 134

BY PROFESSOR WILLIAM T. SEDGWICK.

Monday evening, February 6, 1899

AT THE OLD PUBLIC LIBRARY.

A LIST OF REFERENCES.

The work now under way for supplying water to Boston and adjacent cities and towns constituting the Metropolitan Water District is outlined in the Annual Reports of the Metropolitan Water Board, which form a part of the Massachusetts Public Documents, and are also separately published. This Board was constituted by the Legislature following the comprehensive Report of the Massachusetts State Board of Health upon a Metropolitan water supply, February, 1895, in which the projects for obtaining water from Lake Winipiseogee, the Nashua river and other sources are considered. In the reports of the Cochituate, Mystic, and Boston Water Boards is given an account of the Boston water supply system, with a history of the undertaking. These documents are in some cases enriched with maps and illustrations. The figures added indicate shelf-numbers at the Boston Public Library. The collection can be seen at the Bates Hall Desk. The action of the City government may be traced in the Index to the City Documents, 1834 to 1897. The first document mentioned in that Index is the report of Loammi Baldwin in 1834. This, the report of Professor Daniel Treadwell in 1825, and the Message of Mayor Lyman in 1834 are of especial importance. The titles of many other early publications may be found in the Card Catalogue of the Boston Public Library, and in convenient form in the Bulletin of the Library for July, 1894. The Annual Reports of the City Engineer who constructed the Boston system may be examined [*6357.56], and the City Council Proceedings as far as printed since 1868 [*6350.2]; also the City Laws and Ordinances since 1850 [*6351.80–104], especially the important edition of 1876 [*6351.93]. The Library has recently obtained an autograph document on vellum, being an Indenture given to the Company of the Waterworks to lay and maintain a conduit "in the street now called or knowne by the name of Conduit street" (Union Street) [**G.380.29], (printed in Suffolk Deeds, vi, 21–24 pp. [*4455.50, Book 6]). It has been called the beginning of the Boston Water Works, pursuant to the incorporation of 1652. A rival conduit was started by Capt. Keayne (Boston Record Commissioners, vol. 10, p. 9) but came to nothing. The conduit of 1652 lasted until the Revolution. The

Act of Incorporation of the Water-Works Co. is in Massachusetts Colonial Records, vol. 4, part 1, p. 99 [*2350.2, vol. 4, part 1]. The following illustrated articles are popular reading: "How Boston gets its water," by Fletcher Osgood, in the New England magazine, new series, vol. 14, June, 1896, and "Greater Boston's New reservoir," by Charles H. Bemis, in Harper's Weekly, vol. 41, Jan. 16, 1897. These may be found in the Periodical Room of the Boston Public Library.

Boston. Cochituate Water Board.

Annual report, 1850–1876. 21 vols. With plates and maps. *6357.20

Further reports are under the Boston Water Board.

Communications of the Cochituate Water Board to the City Council [on the present condition and future wants of the water works. City document, no. 76, 1865]. *6340a.2

Report of committee to the Cochituate Water Board respecting estimates for the new reservoir. [City document, no. 85, 1865.] *6340a.2

Report of the Cochituate Water Board to the City Council. Additional supply of water. [City document, no. 29, 1873.] With 2 plates. *6357.53

Charlestown. Mystic Water Board.

1st–11th annual report. 1865–1876. *6351.54

Reports 1–8 are made to the City Council of Charlestown. For reports after 1876 see Boston Water Board.

Boston. Water Board.

1st–10th annual report, for the year ending April, 1877 through the year ending Jan., 1895. 19 vols. Plates. *6355.50

Later reports are under Boston Water Department.

Boston water works. Additional supply from Sudbury river. Boston, 1882. With 69 plates. Folio size. *3940.14

Cochituate and Sudbury water supply. Its present and future development. Boston, 1884. With map. 5942.32

Boston. Water Department.

1st–3d annual report of the Water Commissioner, 1895/96–1897/98. With maps and diagrams. *6355.52

The Water Department succeeded the Water Board.

The cost of the Boston system of water works is reported by the Auditor of Boston in his annual reports, which give also an annual inventory (1898, p. 294, etc.).

Massachusetts. State Board of Health.

Report upon a Metropolitan water supply, February, 1895. 270 pages, with many maps. [House document, no. 500.] *6423.50.1895, no. 500

The twenty-seventh annual report of this Board, 1895 [*6457.16, 27th report], gives the results of the examination as to the purity of the water supplies of Boston and other cities and towns in the state.

Metropolitan Water Board.

1st–3d annual report of the Metropolitan Water Board. Jan. 1, 1896–Jan., 1898. With maps and illustrations. *6457.30

General information regarding the Metropolitan Water Works. April, 1898. *6457.31

The cost of the Metropolitan system is reported by the Auditor of the Commonwealth in his annual reports.

Collection of maps on the water supply and drainage of Boston. In portfolios. *Map 38.2

Treadwell, Daniel.

Report made to the Mayor and Aldermen of the City of Boston, on the subject of supplying the inhabitants of that city with water. 1825. 32 pages. *6357.20

Baldwin, Loammi.

Report of Loammi Baldwin, engineer, on the subject of introducing pure water into the city. [Common Council, document no. 12, 1834.]

A second edition was published in 1835.

Lyman, Theodore, jr., Mayor.

Communication to the City Council on the subject of introducing water into the City. 1834. 6353.2

Eddy, Robert H.

Report on the introduction of soft water into the City of Boston. Boston, 1836. *6353.2; *6340a.2

Celebration of the introduction of the water of Cochituate Lake into the City of Boston, October 25, 1848. Boston, 1848. No. 3 in *6340a.2

Baldwin, George R., and Charles L. Stevenson.

Report on supplying the City of Charlestown with pure water: made for the City Council [of Charlestown]. Boston, 1860. 77 pp. *4354.19

Bradlee, Nathaniel J.

History of the introduction of pure water into the City of Boston, with a description of its Cochituate Water Works. With map and plans. Boston, 1868. 6330a.2; **6330a.6

Report of the Joint Standing Committee of the City Council, with report of the City Engineer relating to an additional supply of water. [City document, 1874, no. 85.] With map. 5942.30

Fitz Gerald, Desmond.

History of the Boston water works from 1868 to 1876. Being a supplement to a "History of the introduction of pure water into the City of Boston [by N. J. Bradlee]." Boston, 1876. With maps, plans and illustrations. *6330a.5; **6330a.8

Description of the Boston water works. Illustrated. Chicago. Office of Engineering news. 1878. 5942.53

Commissioners on the investigation of water supply. Report. [City document, 1883, no. 120.] 5943.71

Fitz Gerald, Desmond.

Report on the capacity of the Sudbury river and Lake Cochituate water-sheds in time of drought. Boston, 1887. With maps and diagrams. 5943.48

A short description of the Boston waterworks. Boston, 1895. With map and plates. 5942.67

Index to the [Boston] city documents, 1834 to 1897. [Boston, 1897. *6356.2.Index